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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

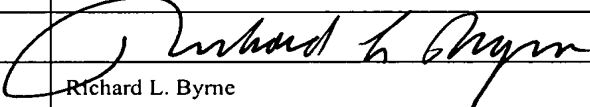
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TRANSMITTAL FORM AUG 06 2007 <i>be used for all correspondence after initial filing</i>	Application Number	10/553,519
	Filing Date	August 01, 2006
	First Named Inventor	Georg N. Duda
	Art Unit	3736
	Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	Attorney Docket Number	5312-053065

ENCLOSURES (check all that apply)

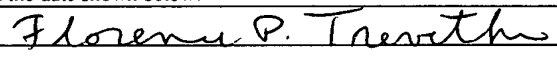
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to TC
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<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Form PTO/SB/08a-b; copies of cited foreign reference and non-literature documents; and return receipt postcard.
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<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	The Webb Law Firm		
Signature			
Printed Name	Richard L. Byrne		
Date	August 2, 2007	Reg. No.	28,498

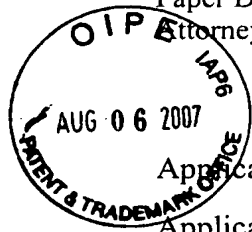
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/553,519
Applicants : Georg N. Duda et al.
Filed : August 1, 2006
Title : Method For Simulating Musculoskeletal Strains On A Patient
Art Unit : 3736 Confirmation No. : 1658
Examiner Name : Not Yet Assigned Customer No. : 28289

MAIL STOP AMENDMENT

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to the requirements of 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants submit this Supplemental Information Disclosure Statement (IDS) which includes a completed Form PTO/SB/08a-b. The cited U.S. patent is not enclosed pursuant to the waiver of the requirement under 37 C.F.R. §1.98(a)(2)(i) for U.S. national patent applications filed after June 30, 2003.

This application is the U.S. national phase of PCT Application No. PCT/DE04/00839, filed April 16, 2004.

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_____ Florence P. Trevethan (Name of Person Mailing Paper or Fee)	
<u>Florence P. Trevethan</u> Signature	<u>08/02/2007</u> Date

<http://www.innovations-report.de/html/berichte/messenachrichten/bericht-6124.html> -Internet press release from Siemens AG on November 20, 2001 and J. Babisch et al., "Biomechanisch Fundierte Huftoperationsplanung mit Hilfe des Softwaremoduls EndoMap", 2002, pp. 39-34, Electromedica, vol. 70 which are identified on PTO/SB/08b were first cited an International Preliminary Report on Patentability (IPRP), dated July 15, 2005 and/or in an International Search Report (ISR), dated May 2, 2005 in the underlying PCT application and are relevant for the reasons indicated therein. A copy of the ISR is not being submitted with this Supplemental IDS as it was received by the United States Patent and Trademark Office, as indicated in the Notice of Acceptance of Application under 35 U.S.C. § 371 and 37 CFR § 1.494 or § 1.495, dated August 29, 2006. A copy of the IPRP is not being submitted with this Supplemental IDS as it was previously submitted with the original IDS dated January 3, 2007.

Additionally, the internet press release from Siemens AG dated November 20, 2001 <http://www.innovations-report.de/html/berichte/messenachrichten/bericht-6124.html> is submitted herewith and is relevant because it describes the EndoMap surgical planning software from Siemens AG, for 2D pre-operative placement and orientation of implants for use with the entire lower limb, more specifically for hip surgery.

J. Babisch et al., "Biomechanisch Fundierte Huftoperationsplanung mit Hilfe des Softwaremoduls EndoMap", 2002, pp. 39-36, Electromedica, vol. 70, is not submitted herewith as it was previously submitted in the IDS dated January 3, 2007. J. Babisch et al. is relevant because it describes a software module for planning hip surgery. The module attempts to identify a number of anatomical landmarks and describes 2D geometrical relationships. By using these trigonometrical relationships, the software attempts to determine static 2D (frontal plane) forces based upon the model of Blumentritt S. (1988) Gegenbaurs Morphol. 134:221-240 and Blumentritt S. (1990) Gegenbaurs Morphol. 136:667-693 and thereby assigns a hip biomechanic score (the BLB score) according to a number of factors including component positions and these 2D hip forces.

Blumentritt S. (1990) Gegenbaurs Morphol. 136:667-693 was submitted with the IDS dated January 3, 2007 and is, therefore, not submitted herewith. A copy of Blumentritt S. (1988) Gegenbaurs Morphol. 134:221-240 is submitted herewith and is further relevant for the reasons indicated in its corresponding English-language abstract.

DE 297 19 250 is relevant as it describes a scheme that primarily involves a measurement system that continually and automatically assesses body segment (particularly

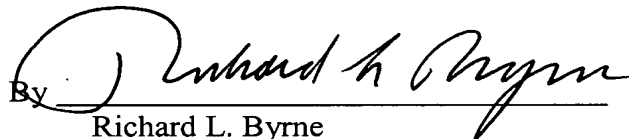
the spine) pose and kinematics (movement). The system uses goniometers (angle measurement sensors), measurement and storage electronics, and a power supply (energy source) to measure the temporal course of body segment angles, speeds and accelerations. Furthermore, this concept involves the use of a temporally synchronized inclinometer and gyroscope to aid in the measurement of poses beyond 180°. With the addition of anthropometric data, the device is able to calculate ground reaction force and then compare these forces directly with those measured using a force plate. All data from this system is simply stored on e.g. a memory stick, for further analysis at a later time. Furthermore, U.S. Patent 6,152,890 is cited herein as an English-language equivalent to DE 297 19 250.

The letter dated November 21, 2006 was filed with the European Patent Office during the prosecution of corresponding application PCT/DE04/00839 and is relevant for the reasons identified therein.

Pursuant to 37 C.F.R. §1.97(b)(3), no fee is believed to be due for the submission of this Supplemental Information Disclosure Statement, as it is being submitted before the mailing date of a first Office Action on the merits. Nevertheless, the Commissioner for Patents is hereby authorized to charge any fees which may be required to Deposit Account No. 23-0650. One (1) original and one (1) copy of this Supplemental Information Disclosure Statement are enclosed

Respectfully submitted,

THE WEBB LAW FIRM

By 

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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/553,519
		Filing Date	August 1, 2006
		First Named Inventor	Georg N. Duda
		Art Unit	3736
		Examiner Name	Not Yet Assigned
		Attorney Docket Number	5312-053065
Sheet	1	of	2

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	US- 6,152,890	11-28-2000	Kupfer et al.	
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	2.	DE 297 19 250 U1	05/07/1998	Hauptverband der Gewerblichen		

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/553,519
				Filing Date	August 1, 2006
				First Named Inventor	Georg N. Duda
				Art Unit	3736
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	5312-053065

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	3.	http://www.innovatios-report.de/html/berichte/messenachrichten/bericht-6124.html , Internet Press Release from Siemens AG, November 20, 2001	
	4.	Blumentritt S. (1988), Gegenbaurs Morphol. 134:221-240.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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